

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

U.S. EPA SUPERFUND PROGRAM
 SEMS
 Five Year Review Issues and Recommendations Report

<u>Site Name</u>	<u>EPA ID</u>	<u>OU</u>	<u>FYR Action</u>	<u>Action ID</u>	<u>Lead</u>	<u>Finish (Actuals)</u>
KEYSTONE SANITATION LANDFILL	PAD054142781	00	GOVT Five-Year Review	FE4	F	09/15/15
<u>Site Primary RPM Name:</u> Sklaney, Christopher						

FYR Issues and Recommendations

<u>Issue Category</u>	<u>Issue</u>	<u>Affects Prctvns</u>		<u>Recommendation</u>	<u>Parties</u>		<u>Original</u>	<u>Current</u>	<u>Actual</u>	<u>Status</u>	<u>Verified by</u>
		<u>Curr</u>	<u>Fut</u>		<u>Implmt</u>	<u>Ovrst</u>	<u>Planned</u>	<u>Planned</u>	<u>Completion</u>		
							<u>Date</u>	<u>Date</u>	<u>Date</u>		<u>RPM Date</u>
Institutional Controls	Institutional controls not adequate	N	Y	Develop additional ICs	P	E	09/21/16	06/21/17		Under Discussion	07/25/17
<u>Issue OU:</u> 03, 04	Institutional controls restricting construction and aquifer use do not extend beyond the Landfill footprint.			Modify institutional controls restricting construction and aquifer use to include the remainder of the Landfill Property. Document restrictions with the appropriate local government authority.			FYR planned finish 09/21/2016. New planned date entered based on current status of issue.			ICs must be developed and implemented. UPDATE 1: Expanded ICs required through ESD signed 09/30/2015; must implement to complete I/R. UPDATE 2 (Nov 2016): In discussion with property owner to enter environmental covenant. On-going as of July 2017.	
Remedy Performance	Remedy Performance - Other Issue	N	Y	Optimize system	P	E	09/21/16	09/21/17		Under Discussion	07/25/17
<u>Issue OU:</u> 03	Current leachate monitoring points do not yield sufficient liquid for sampling.			Evaluate if additional leachate monitoring points are necessary to enable assessment of the leachate. Determine feasibility of monitoring leachate. Take appropriate next steps based on the evaluation.			FYR planned finish date 09/16/2016. Additional investigations needed to determine best resolution to issue.			UPDATE 1 (Nov 2016): EPA reviewing PRP WP for additional leachate monitoring. UPDATE 2 (July 2017): Installation of additional monitoring points to begin in Aug 2017.	

** For purposes of this report, "Complete", "Addressed in the Next FYR" and "Considered and Not Implemented" are considered complete statuses for issue/recommendations. Issue/recommendation statuses of "Ongoing", "Under Discussion" and "Blank" are considered not complete.

U.S. EPA SUPERFUND PROGRAM
 SEMS
 Five Year Review Issues and Recommendations Report

<u>Site Name</u>				<u>EPA ID</u>	<u>OU</u>	<u>FYR Action</u>	<u>Action ID</u>	<u>Lead</u>	<u>Finish (Actuals)</u>	
Remedy Performance	Current capture zone not adequate	N	Y	Install additional extraction wells	P	E	09/21/17	09/21/17	Ongoing	07/24/17
<u>Issue OU: 04</u>	The groundwater extraction and treatment system does not fully capture and contain contaminated groundwater in the vicinity of EW-6 and EW-7.			Take appropriate measures to capture and contain contaminated groundwater at the Landfill perimeter in the vicinity of EW-6 and EW-7.					UPDATE 1 (Nov 2016): Investigative work related to expansion of system started in Sept 2016. UPDATE 2 (July 2017): Feasibility testing complete; connection to new extraction well to begin August 2017.	
Remedy Performance	Current capture zone not adequate	N	Y	Install additional extraction wells	P	E	09/21/17	09/21/17	Under Discussion	11/30/16
<u>Issue OU: 04</u>	The groundwater extraction and treatment system does not fully capture and contain contaminated groundwater in the vicinity of EW-6 and EW-7.			Take appropriate measures to capture and contain contaminated groundwater at the Landfill perimeter in the vicinity of EW-6 and EW-7.					UPDATE 1 (Nov 2016): Investigative work related to expansion of system started in Sept 2016.	

** For purposes of this report, "Complete", "Addressed in the Next FYR" and "Considered and Not Implemented" are considered complete statuses for issue/recommendations. Issue/recommendation statuses of "Ongoing", "Under Discussion" and "Blank" are considered not complete.

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Nonresponsive based on revised scope